

# Find your purpose. Make an impact.

## Planning Engineer, River Engineering

If you are committed to public service, enjoy collaborating with others, share our values and have a desire to learn and grow, join [The City of Calgary](#). City employees deliver the services, run the programs and operate the facilities which make a difference in our community. We support work-life balance, promote physical and psychological safety, and offer competitive wages, pensions, and [benefits](#). Together we make Calgary a great place to make a living, a great place to make a life.

The City is committed to fostering a respectful, inclusive and equitable workplace which is representative of the community we serve. We welcome those who have demonstrated a commitment to upholding the values of equity, diversity, inclusion, anti-racism and reconciliation. Applications are encouraged from members of groups that are historically disadvantaged and underrepresented. Accommodations are available during the hiring process, upon request.

As an experienced water resources or river engineer, you will apply and further develop your skills by leading and participating in a variety of projects supporting river flood resilience, asset management, infrastructure and development review and regulatory compliance and emergency response. Primary duties include:

- Lead design studies for flood management infrastructure.
- Manage assets for river and creek infrastructure, including inspections and condition assessments, reviewing records, establishing levels of service, and reporting.
- Review infrastructure designs and land development applications, assessing adherence to standards and sound engineering practice with respect to groundwater, hydrotechnical, erosion and channel stability, and environmental impacts.
- Conduct hydrologic and hydraulic analyses for Calgary's rivers and creeks, including frequency analyses, flow duration curves, and HEC-RAS modelling.
- Participate in the River Engineering Team's watershed monitoring and forecasting program, serving as a Forecaster-on-Duty on a rotating basis to monitor flood, drought, and ice-jam risks.
- Participate in flood emergency preparedness and response plans, tools, and exercises.

### Qualifications

- A degree in Civil or Water Resources Engineering and at least 4 years of relevant professional engineering experience in hydrotechnical or water resources engineering obtained after receiving your P. Eng. designation and a current licensure as a Professional Engineer with the Association of Professional Engineers and Geoscientists of Alberta (APEGA) complete with practicing status OR licensure and practicing status by the first day of work. [Click here for more details](#).
- Experience in hydrologic analyses, hydraulic modelling (HEC-RAS), and open channel infrastructure design is required.
- A valid Class 5 Driver's License (or provincial equivalent) and access to a personal vehicle for business use OR the ability to obtain a City of Calgary [operator's permit](#) is required.
- A graduate degree in a related field is an asset.
- Experience in emergency management, flood response, or Asset Management for traditional and/or natural infrastructure is an asset.
- Familiarity with GIS / ArcGISPro is an asset.
- To succeed in this role, the candidate must have a proven initiative to tackle new tasks, a commitment to professional excellence, and strong communication and collaboration skills.

**Working Conditions:** Ability to work periodically on evenings or weekends for monitoring. Potentially long day or night shifts during

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an emergency response may be infrequently required.

### Pre-employment Requirements

- Successful applicants must provide proof of qualifications.

### Position and Pay Information

- **Business Unit:** Environmental Risk and Resilience
- **Union:** Exempt
- **Position Type:** 1 Temporary (up to 18 months)
- **Compensation:** Level P3E \$115,464 - 144,330 per annum
- **Hours of work:** Standard 35 hour work week
- **Days of work:** This position works a 5-day work week with 1 day off in a 3 week cycle.
- **Location:** 625 25 Avenue SE
- **Audience:** Internal/External
- **Apply By:** October 13, 2026
- **Job ID:** 315364